



Concept C 100



Concept C 200

Active 2.1 multimedia set with table remote control

Teufel

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Trademark

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Original packaging

We recommend keeping the packaging if you want to take advantage of the eight-week right to return goods, because we can only accept the speakers IN THEIR ORIGINAL PACKAGING. We are unable to supply empty boxes!

Technical Data

Technical data can be found in the product description on our website at:
www.teufel.eu

Contact

Please contact our service department if you have any questions, suggestions or if there is anything you think we could do better.
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Warranty terms

12-year warranty for speakers and 2-year warranty for power amplifiers and electronics (from purchase date) on materials and work time, with the exception of damage caused by incorrect use or electrical or mechanical overload. An original copy of our invoice is required as the warranty document. This warranty is exclusively valid for speakers, power amplifiers and electronics that have been purchased from Teufel for private use by end customers. The warranty is not valid for speakers, power amplifiers and electronics that the end user has purchased from a different distributor. For third-party products, the warranty conditions of the respective manufacturers shall apply. If the Teufel product is sold on privately, the warranty may be transferred to the purchaser, providing that the original proof of purchase is also transferred.

Returns

Teufel provides an eight-week right to exchange or return the product with reimbursement of the full purchase price paid.

The return of individual components from a set is only possible if these components are also offered for sale separately by Lautsprecher Teufel. If one or more components are returned, any price discount given by Lautsprecher Teufel on all components in a set as part of the price for the set is waived. When returning a component, the customer will be reimbursed for the price difference between the set price and the purchase price of the individual components retained by him/her. The financial outcome for customers is as if they had bought the remaining components at the individual price from the outset.

You can find more information on the subject of returns on the returns form that accompanies the delivery or online in the support area of our website www.teufel.eu.

If you need to return an item, do not act without the prior agreement of Lautsprecher Teufel.

We can only process and accept returns if you have informed us first by phone and discussed the procedure with us!

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Dear Lautsprecher Teufel customer,

Thank you for buying a Concept C 100 / 200 system. With this Teufel product you have bought a 2.1 multimedia speaker set that offers excellent sound quality, despite its compact size.

This set can be operated independently, without an additional amplifier directly through a PC or CD player. Other stereo sources with analogue outputs, such as MP3 players, satellite receivers, TV sets, Xbox, PlayStation or DJ mixers, can also be used very successfully with the Concept C range.

The Concept C range subwoofer has three integrated power amplifiers: one for the bass speaker and two for the satellites. There is an analogue stereo input at the rear for direct connection e.g. to sound cards or MP3 players. The USB port on the Concept C 200 is especially useful for computers with low quality sound cards or no sound cards at all.

Because the set-up has a major influence on the sound characteristics of any speaker system, we recommend that you take the time to position everything correctly. These operating instructions contain all of the information necessary to correctly set up and operate our Concept C multimedia sets.

Please read the instructions included carefully, paying particular attention to the safety information, before operating the unit and store them in a safe place for future reference. We recommend that you keep the packaging.



Concept C 100

Please take a note of the serial number that can be found on a sticker on the box and the invoice number (which can be found on the invoice) here:

My **invoice number** is

.....

My **serial number** is

.....

The serial number and the invoice number make it easier for us to process your request quickly if you require service.

If you encounter difficulties during operation or if you think that there is something wrong with the device, please read the "Troubleshooting" section on page 12.

You can find answers here to the most frequently asked questions.

Teufel

Please contact our service department if you have any questions, suggestions or if there is anything you think we could do better.

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All information is provided without guarantee of correctness. Subject to technical changes, typing errors and mistakes.

Unpacking · Contents

Unpacking

Fold back the flaps on the upper side of the box, remove the polystyrene pieces and lift the speakers out of the box carefully.

We recommend retaining the boxes in order to ensure safe transport for any later servicing.

Concept C 100 contents

- ▶ 1 x Subwoofer CC 100 SW with integrated 2.1 amplifier
- ▶ 2 x Satellite speakers CE 10 FCR
- ▶ 2 x Cloth frames for CE 10 FCR
- ▶ 2 x Table bases for CE 10 FCR incl. screws
- ▶ 8 x Self-adhesive rubber pads for the table bases
- ▶ 1 x Table remote control CC 21 RC
- ▶ 1 x Mains power cable
- ▶ 2 x U profiles for speaker stand setup



▶ **Subwoofer
CC 100 SW**

First please check that all system components are included.

Please note:

Please keep the boxes for the eight-week return period at least, as we can ONLY repay the full purchase price if the products are returned in the ORIGINAL PACKAGING in which they were supplied!



▶ **Satellite speakers CE 10 FCR
(incl. cloth frame
and table base)**

All optional accessories can easily be ordered as required, e.g. from the accessories area on our website: www.teufel.eu



▶ **Table remote control
CC 21 RC**



▶ **Power supply cable**

First, please check that the system is complete!

Concept C 200 contents

- ▶ 1 x Subwoofer CC 200 SW with integrated 2.1 amplifier
- ▶ 2 x Satellite speakers CE 20 FCR
- ▶ 2 x Cloth frames for CE 20 FCR
- ▶ 2 x Table base for CE 20 FCR incl. screws
- ▶ 8 x Self-adhesive rubber pads for the table bases
- ▶ 1 x Table remote control CC 21 RC
- ▶ 1 x Mains power cable
- ▶ 2 x U profiles for speaker stand setup



▶ **Subwoofer
CC 200 SW**



▶ **Satellite speakers
CE 20 FCR
(incl. cloth frame and table base)**



▶ **Table remote control
CC 21 RC**



▶ **Mains power cable**

Assembling the table bases



If required, use the screws supplied to attach the satellite speakers CE 10 FCR or CE 20 FCR to the table bases provided, as shown in the diagram. For acoustic reasons we don't recommend placing the satellites straight onto the table. We also recommend that you stick the rubber pads supplied to the points on the table bases provided for this purpose, to ensure a safe and secure position and to protect the top of the table as well as possible.

The M 50 P base or the Shortlock wall bracket, for example, are also available in our webshop. They provide a secure yet flexible way of displaying your satellites, as an alternative to the table bases supplied. For fixing the satellites to the optional speaker stand M 50 P you will need to use the included U profiles.

Accessories

The Concept C range is supplied without connecting cables, because customers have different requirements. You can find the cable you need in our online shop (www.teufel.de), for example, in the "accessories" section. More optional accessories for the system are shown here:

You can order the accessories shown here from Teufel online at:
www.teufel.eu

Speaker stand M 50 P



Bases developed especially for Teufel satellite speakers. The speaker cable is hidden inside the base.

Height:
Adjustable between 80 and 120cm.

Design:
Metal, black. They are supplied as a pair.

Shortlock wall bracket



The ideal wall mounting for satellites from Teufel Concept 100 / 200 systems because the required screw threads are already on the back. Allows unobtrusive and secure mounting on ceilings, sloping ceilings or walls. The wall brackets are available in black or silver, but only come in pairs.

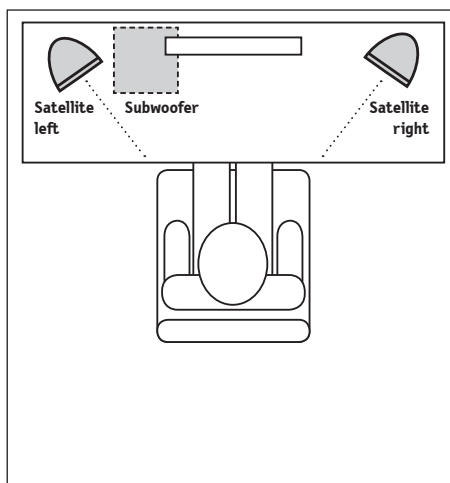
Set-up as a PC system

When using the Concept C 100/200 as a PC speaker sound system, it is advisable to focus on the sound requirements of the PC workplace, i.e. the area where the screen and the listener are located.

The satellite speakers are placed (using the table bases included) next to the computer monitor at the same distance from it left and right or attached to the wall.

Attachment at ear height is optimal, but anything in the range between 0.80 and 1.60 metres is completely acceptable. If the values are outside the recommended range, you can slightly tilt the front speaker. We recommend using our “Shortlock” wall brackets (see page 6) for wall mounting. These wall brackets allow for horizontal and vertical mounting.

You can put the subwoofer anywhere you wish; it does not affect the other speakers. Placement within a straight line between the two front satellites, e.g. under the desk, is ideal.



Note

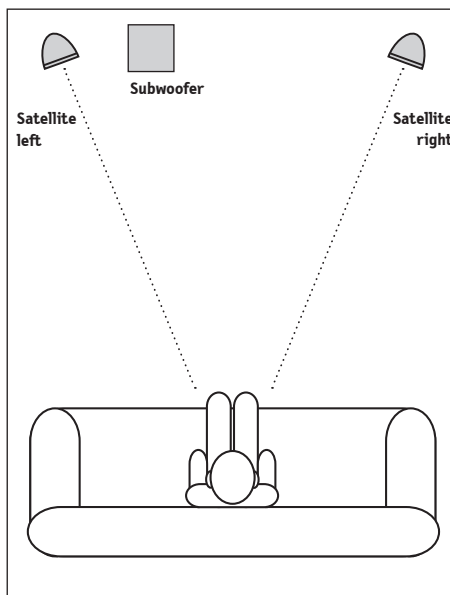
The nearer you position the satellites to the listening position, the greater the subjective impression of sound and the maximum undistorted reproduction level.

Set-up as a stereo system

The Concept C 100 can also be used in smaller rooms up to 15m² as a complete stereo system for listening to music and the Concept C 200 can even be used in rooms up to 20m².

If possible, the satellite speakers should be set up at the same distance from the listener left and right or attached to the wall. The “M 50 P” height-adjustable base also offers an alternative to the “Shortlock” wall brackets described above, alongside the table bases supplied. Using the bases automatically guarantees optimum playback height for satellite speakers. Select a position height of between 40cm and 1.60m.

If you are unable to observe these distances, you can slightly tilt the front speaker towards the listening area. The Shortlock wall bracket allows horizontal and vertical alignment to the listener. You can put the subwoofer anywhere you wish; it does not affect the other speakers.



Tip

The closer you place the subwoofer to a wall or corner, the louder you can hear the bass playback.

Analogue connection to a stereo source

Computer sound card, MP3 player, satellite receiver, TV set, games console, CD player, DJ mixer, Discman, Walkman and much more.

The Concept C 100 is perfect for direct connection to any common music playback device that has one or two analogue audio outputs. These are usually a 3.5mm stereo mini-jack socket or two cinch sockets ("line out left/right").

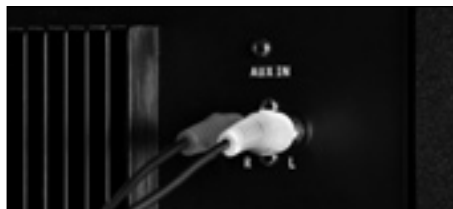
The outputs are directly connected to the stereo line in left/right on the subwoofer using the stereo cinch cable. The Y-adaptor cable (mini-jack on stereo cinch) can also be used for appliances with mini-jack outputs (e.g. sound cards).

To guarantee that all of the functions of the table remote control supplied work correctly, the "Mic Out" output on the back of the subwoofer must be connected to the microphone input on the PC. A standard 3,5 mm jack cable is used for this purpose. Without this connection, nearly all of the functions of the table remote control (see page 10) can still be used independently. Only the integrated Microphone input ("MIC") will not work.



Example image of a sound card connector panel

Analogue connection from PC (line out) to subwoofer (aux in)



Connection from subwoofer (mic out) to PC (line in/mic in)



Example image of a sound card connector panel

Connecting the satellites

The two satellites are connected directly to the screw grips on the subwoofer with the cable clips provided, using a speaker cable. Strip and split the ends of the speaker cable as shown. Speakers and amplifiers have corresponding [+] and [-] clamps. The individual strands of a speaker cable are normally clearly colour coded. It is important to observe the correct polarity when connecting the speakers: the plus pole of the speaker connects to the plus pole of the amplifier and the minus pole of the speaker to the minus pole of the amplifier. Connecting the cables with the incorrect phases can result in thin sound, weak bass and reduced stereo characteristics. Therefore it is important that all speakers are connected with the correct polarity in order to ensure an appropriate three-dimensional atmosphere and correct alignment of the sound.



Connection from satellite speakers to subwoofer



Two core speaker cable

Connecting the Concept C 200

Digital connection to a computer

The Concept C 200 has a USB interface, in addition to analogue stereo cinch inputs (for connection, see Concept C 100, page 8).

The speaker set can be connected directly to a notebook or desktop computer. PC owners with onboard sound cards with moderate sound quality find it easy to improve the sound quality of their computer at the source.

Connect a free USB port* on your PC or Mac using a USB cable (type A to type B) with the "USB" input on the subwoofer. The Concept C 200 amplifier now works like an external sound card.



Example image of a USB port on a laptop

Digital connection from PC (USB, type A) to subwoofer (USB, type B)



Important

Please appreciably reduce the volume **BEFORE** using the USB port of the Concept C 200. The USB connection may create distinctly higher output volumes than the analogue connection!

* You can use USB 1.0/1.1 as well as USB 2.0 ports.

The Concept C 200 is usually automatically recognised by operating systems like Windows XP, Windows Vista or Mac OS X – without installing additional drivers.

In some cases it may be necessary to switch the Concept C 200 to "active" in the audio menu of your computer or to specifically select it as a playback device.

Alternatively you can use the stereo cinch input as described on the previous page or connect another source appliance there. Both signals will be reproduced simultaneously, as soon as a USB connection is active at the same time. The volumes of the cinch input (❶ on page 11) can then be controlled separately in your operating system's audio mixer to avoid interference, for example, and can also be "muted" if necessary. The volumes of the USB signal can also be controlled separately there.

The microphone input ("MIC") on the front of the table remote control supplied only works with a USB connection.



If this speech bubble (or its equivalent, depending on the operating system) is displayed, the Concept C 200 has been successfully recognised by your computer and can be used.

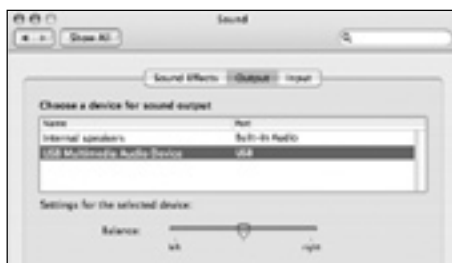
Note

Please note that when using the USB and the stereo cinch input at the same time, separate volume control is also possible using the internal control on your computer. You should also mute one of the connection types there to avoid interference.



Note

Please note that the microphone input ("MIC") on the front of the table remote only works when the USB connection is used.



You might have to select the Concept C 200 as a playback device in the audio menu of your operating system. It is shown as a "USB Multimedia Audio Device".

Connecting the satellites

The satellites for the Concept C 200 are connected as described for the Concept C 100 on the previous page.

Connecting the table remote control

Connect the cable for the table remote control supplied to the back of the subwoofer using the connection provided ("Remote Control", page 11, ②). Please note that this cable can only be connected one way round (with the arrow pointing to the right). Connect the cable carefully to avoid damaging it.

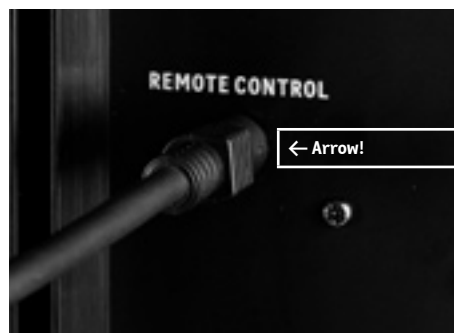


Fig. 1: Connecting the table remote control

Operating the Concept C 100/200

① Power

You can switch the Concept C 100/200 to standby mode and switch it back on again using this button. In standby mode the "Power" lettering will light up red. When switched on the button will light up blue. If neither the button nor the lettering are lit up, then the power supply to the subwoofer is being interrupted or the table remote control is not connected.

② Volume

You can control the volume of the Concept C 100/200 using the infinite control dial.

③ Volume (display)

The blue LED indicates the current volumes of the Concept C 100/200. The display only refers to the relative volumes of the Concept C 100/200. Separate volume settings that may be available on the source appliance itself (PC, Mac, CD player, etc.) are not shown here.

④ Bass

You can control the bass of the Concept C 100/200 using the infinite control dial.

⑤ Bass (Display)

Both blue LEDs display the current basses of the Concept C 100/200. The bottom left LED indicates a high bass proportion and the top right LED shows that the bass proportion is lower.

⑥ Phones

You can connect headphones here using a 3.5mm jack cable. As soon as a jack cable is connected, the Concept C 100/200 will automatically mute the satellites and the subwoofer.

⑦ Mic

You can connect a microphone here using a 3.5mm jack cable. The microphone will automatically be recognised by the computer. Depending on your operating system, you might receive notification that a recording device has been connected or you may have to confirm it.

⑧ Standby

You can use this button to switch the Concept C 100/200 to standby mode or to switch it on again. In standby mode the ring around the button will light up red and in operation it will be blue. If the ring does not light up the power supply to the subwoofer has been interrupted.

Note
The Concept C 100 / 200 can be fully controlled using the table remote control if it is connected to the subwoofer as shown in diagram 1.
Alternatively you can switch between operation and standby using the "standby" button on the front of the subwoofer (see diagram 4).

Note
The microphone connection only works when the "Mic Out" output (Concept C 100) or the USB connection (Concept C 200) are used as described on pages 8 and 9. Otherwise this connection will not work.



Fig. 2: Table remote control (top)



Fig. 3: Table remote control (front)

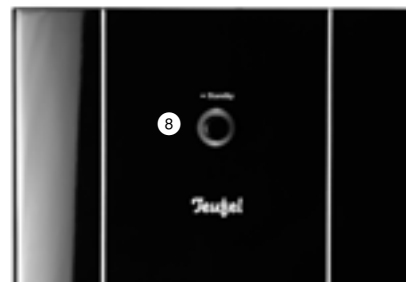
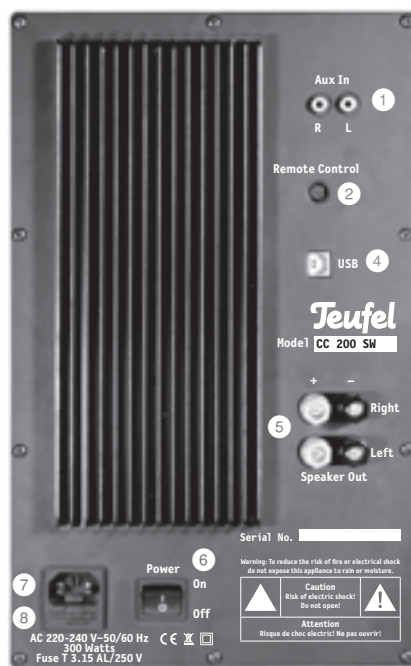


Fig. 4: Subwoofer (front)

Operating elements on the subwoofer



Subwoofer power amplifier Concept C 100



Subwoofer power amplifier Concept C 200

Explanation of symbols



The arrow-headed lightning symbol in an equilateral triangle indicates the presence of a dangerous non-insulated electrical voltage within the system housing and therefore a risk of electrical shock.



The exclamation mark in an equilateral triangle, as affixed to the appliance, is to make the user aware of important operating and maintenance instructions.



This product complies with European Community guidelines 89/336 EEC and 72/23 EEC



The dustbin symbol printed on our products' type plates and amplifiers states that Lautsprecher Teufel guarantees proper disposal of these speakers and subwoofers in line with the Electrical and Electronic Appliance Act.



This product corresponds to standards DIN EN 61140 (VDE 0140-1) and IEC 60417 of safety class II and does not require a safety plug, just the plug included (2-pole). The casing has reinforced or double insulation against electric shock.

1 Aux In (R/L)

You can connect an audio source appliance (PC, Mac, CD player, etc) to the Concept C 100/200 here. You will also need a stereo cinch cable (possibly with adapter).

2 Remote Control

Connect the cable provided for the table remote control here. Please note that this cable can only be connected one way round (with the arrow pointing to the right). Connect the cable carefully to avoid damaging it.

3 Mic Out (Concept C 100 only)

Using a 3,5mm jack cable, connect the Concept C 100 Subwoofer to the "Line In" or "Mic In" input of your PC or Mac so that you can use the microphone input ("MIC") on the table remote control (see page 11, 7).

4 USB (Concept C 200 only)

Connect the Concept C 200 to your PC or Mac here using the USB cable (connector type "B" to "A"). We recommend this type of connection for the Concept C 200 because the microphone input ("MIC") at the table remote control can only be used if the Concept C 200 is connected to the PC via USB.

5 Speaker Output (Right/Left)

Connect the speaker cable from the two satellites here. Please observe the plus and minus polarity and the set-up of the satellite speakers (right = right satellite, left = left satellite).

6 Power (On/Off)

When set to "Off", the subwoofer is switched off, and when set to "On" it is switched on.

7 Mains cable

Connect the mains power cable supplied here, in order to connect the Concept C 100 / 200 to the power supply.

8 Fuse



gram opposite.

Only change the fuse if the subwoofer is completely disconnected from the mains power supply, otherwise fatal injury could result!

You can change the mains fuse here if required – it should only be replaced with one of the same type and amperage. Please use a suitable screwdriver for changing the fuse, as shown in the diagram opposite.

“The subwoofer is buzzing”

The Concept C 100/200 has a powerful transformer and a generously proportioned power pack that make its high output performance possible. These components can create a very quiet, unobtrusive buzzing sound that can be heard at a short distance from the back of the subwoofer in quiet rooms if there is no signal present. It cannot be avoided in this price category. During operation this light buzzing will disappear because it is masked by the sound output.

On the other hand, if the buzzing can clearly be heard from a distance of more than a metre and/or can also be heard from the satellites, there is possibly a defect – assuming the subwoofer is not touching other appliances. In some cases, it could come from connection to other appliances, through equalising currents that are caused by different casing potentials or similar.

Please read the following instructions for a solution to the case above:

1. The subwoofer is connected to a different power circuit from the rest of the equipment. Ensure that all linked appliances (including the PC if connected) are connected to a single power circuit or plug.
2. The aerial connected to the equipment or TV has a different ground potential than the socket. To test this, simply remove all aerial cables from the wall socket. If the buzzing stops, you need a sheath current filter available from electronics retailers, often in the car stereo department.
3. A mains filter that can be bought separately, to which all appliances must be connected, may be useful in eliminating the buzzing.
4. A multiple socket strip can sometimes prove to be responsible for creating buzzing noises. To test this, disconnect the plug strip and plug the subwoofer's mains plug directly into a wall socket.
5. You can also try turning the mains plug around and inserting it into the socket the other way up, inasmuch as your mains plug/socket allows this.
6. It can be useful to create an additional earth by fixing a cable (e.g. speaker cable) to the metal screw of the power amplifier and fixing the other cable end e.g. to the heating pipe or PC casing.

“There is no sound – neither from the satellites nor from the subwoofer”

Please check whether the “Standby” operating light on the front of the subwoofer lights up RED or BLUE. If not, please change the fuse for one of the same type. The mains fuse on the subwoofer may have blown, possibly as the result of a power surge. The fuse is located at the mains power cable output on the back of the subwoofer (see diagram on page 11, point 8). The subwoofer should now be ready for use again. Only change the fuse if the subwoofer has been completely isolated from the mains power supply!

“There is no sound or distorted sound from one of the satellites – the other satellite is working”

In order to pinpoint the defect more specifically, please briefly swap the non-functioning satellite for the functioning satellite in order to determine whether the defect is in the satellite or the subwoofer electronics. If the previously non-functioning satellite plays on the other channel of the subwoofer, the defect is probably in the subwoofer electronics. If the satellite does not play on the other channel, the satellite is defective.

“There is no sound from the subwoofer – both satellites are working”

You can check the function of the subwoofer by only connecting the signal of a “secure” source, e.g. a portable CD player, to the line in left/right cinch input on the subwoofer. If the subwoofer now plays, it could not have been getting the correct signal before. Either the cinch cable is defective or the output of your source appliance is not generating a signal.

Alternatively, you can reduce the volume level of the subwoofer, remove the subwoofer cinch cable from the PC/CD player, steadily and carefully raise the level and touch the inner cinch thermistor with your finger. If you can now hear buzzing or crackling, there is an error in the PC/CD player or its settings. If the subwoofer remains silent, please contact our service department.